What is claimed is:

1. An information processing device comprising:

acquisition means for acquiring data for pages of a
site;

extraction means for extracting a word appearing within
said pages using said data for said pages acquired by said
acquisition means;

counting means for counting the number of times said
word extracted by said extraction means appears within said
pages;

first generating means for analyzing a link structure
between said pages acquired by said acquisition means, and
for generating first weightings for between said pages in link
relationships using a count value by said counting means;

second generating means for generating second
weightings for between pages in link relationships with a
prescribed page using said first weightings generated by said
first generating means;

third generating means for generating at least one of
SDF data and CDF data using said second weightings generated
by said second generating means; and

calculating means for calculating a prescribed value
through page model extension processing based on at least one
of ISDF and ICDF using said data generated by said third
generating means.

2. The information processing device as disclosed in claim
1, further comprising second calculating means for
calculating relevance between prescribed pages of said
acquired pages using said prescribed value calculated by said

calculating means.

3. The information processing device as disclosed in claim 1, wherein

when said second generating means takes said prescribed page to be a link source, and calculates said second weightings for between link destination pages linked to from said link source, said third generating means generates said SDF data, and said calculating means calculates said prescribed value using page model extension processing based on said ISDF,

when said second generating means takes said prescribed page to be a link destination, and calculates said second weightings for between link source pages linking to said link destination, said third generating means generates said CDF data, and said calculating means calculates said prescribed value using page model extension processing based on said ICDF, and

when said second generating means calculates both said second weightings in which said prescribed page is taken to be a link source and which is for between link destination pages linked to from said link source, as well as said second weightings in which said prescribed page is taken to be a link destination and which is for between link source pages linking to said link destination, said third generating means generates both said SDF data and said CDF data, and said calculating means calculates said prescribed value using page model extension processing based on said ISDF and said ICDF.

4. The information processing device as disclosed in claim 1, wherein said calculating means calculates said prescribed

value through a calculation that uses the number of times a prescribed word appears in said prescribed page and said data generated by said third generating means corresponding to pages containing said prescribed word of pages in a link relationship, which is generated by said second generating means, with said prescribed page.

5. The information processing device as disclosed in claim 1, further comprising:

storage means for storing said relevance calculated by said second generating means, and

providing means for referring to said relevance stored in said storage means, and providing information for pages having high relevance with respect to said prescribed page when a request is made for provision of information for pages related to said prescribed page.

6. The information processing device as disclosed in claim 5, wherein said providing means provides information for advertising relating to said prescribed page when providing said information.

7. An information processing method, comprising:

an acquisition step of acquiring data for pages of a site;

an extraction step of extracting a word appearing within said pages using said data for said pages acquired in said acquisition step;

a counting step of counting the number of times said word extracted in said extraction step appears within said pages;

a first generating step of analyzing a link structure between said pages acquired in said acquisition step, and of generating first weightings for between said pages in link relationships using a count value from said counting step;

5   a second generating step of generating second weightings for between pages in link relationships with a prescribed page using said first weightings generated in said first generating step;

a third generating step of generating at least one of

10   SDF data and CDF data using said second weightings generated in said second generating step;

a first calculating step of calculating a prescribed value through page model extension processing based on at least one of ISDF and ICDF using said data generated

15   in said third generating step; and

a second calculating step of calculating relevance between prescribed pages of said acquired pages using said prescribed value calculated in said first calculating step.

20   8. A recording medium, recorded with a computer-readable program, comprising:

an acquisition step of acquiring data for pages of a site;

an extraction step of extracting a word appearing

25   within said pages using said data for said pages acquired in said acquisition step;

a counting step of counting the number of times said word extracted in said extraction step appears within said pages;

30   a first generating step of analyzing a link structure between said pages acquired in said acquisition step, and of

generating first weightings for between said pages in link relationships using a count value from said counting step;

a second generating step of generating second weightings for between pages in link relationships with a prescribed page using said first weightings generated in said first generating step;

a third generating step of generating at least one of SDF data and CDF data using said second weightings generated in said second generating step;

a first calculating step of calculating a prescribed value through page model extension processing based on at least one of ISDF and ICDF using said data generated in said third generating step; and

a second calculating step of calculating relevance between prescribed pages of said acquired pages using said prescribed value calculated in said first calculating step.

9. A program that causes a computer to execute:

an acquisition step of acquiring data for pages of a site;

an extraction step of extracting a word appearing within said pages using said data for said pages acquired in said acquisition step;

a counting step of counting the number of times said word extracted in said extraction step appears within said pages;

a first generating step of analyzing a link structure between said pages acquired in said acquisition step, and of generating first weightings for between said pages in link relationships using a count value from said counting step;

a second generating step of generating second weightings for between pages in link relationships with a prescribed page using said first weightings generated in said first generating step;

5   a third generating step of generating at least one of SDF data and CDF data using said second weightings generated in said second generating step;

a first calculating step of calculating a prescribed value through page model extension processing based on at

10   least one of ISDF and ICDF using said data generated in said third generating step; and

a second calculating step of calculating relevance between prescribed pages of said acquired pages using said prescribed value calculated in said first

15   calculating step.